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ABSTRACT OF THE DISCLOSURE

Bandwidth and/or Quality of Service (QoS) for a user session may be modified in a network that includes a Regional/Access Network (RAN) that facilitates differentiated end-to-end data transport between a Network Service Provider (NSP) and/or an Application Service Provider (ASP) and a Customer Premises Network (CPN) that includes a Customer Premises Equipment (CPE) by receiving a request at the NSP and/or the ASP to change the bandwidth and/or QoS associated with the user's session. An Application Programming Interface (API) is used at the NSP and/or the ASP to communicate with the RAN to modify the bandwidth and/or QoS associated with the user's session.

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